

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

DLD, 36-509aa, Human, His tag, E.coli

产品货号: TP01889

第三版

别名:Dihydrolipoyl dehydrogenase, mitochondrial, DLDH, E3, GCSL, LAD, PHE3

描述:DLD (Dihydrolipoamide dehydrogenase), also known as GCSL (glycine cleavage system L protein), is a component of the glycine cleavage system as well as of the alpha ketoacid dehydrogenase complexes. DLD is a flavin-dependent oxidoreductase and functions as a component of the α -keto acid dehydrogenase, the pyruvate dehydrogenase, the α -ketoglutarate dehydrogenase, the branched-chain α -keto acid dehydrogenase and as the L protein in the mitochondrial glycine cleavage system.

配方:Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 1mM DTT,0.1M NaCl, 10% glycerol

分子量:54.4 kDa (511aa)

序列:

```
MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMADQPIDADVTVIGSGPGGYVAAIKAAQLGFKTVICIEKN  
ETLGGTCLNVGCIPSKALLNNSHYHMAHGKDFASRGIE MSEVRLNLDKMM EQKSTAVKALTGGIAHLFKQNKVVHVN  
GYGKITGKNQVTATKADGGTQVIDTKNLIATGSEVTPFPGITIDEDTIVSSTGALSLKKVPEKMVVIGAGVIGVELGSVWQ  
RLGADVTA VEFLGHVGGV GIDMEISKNFQRILQKQGFKLNTKVTGATKKS DGKIDVSIEAASGGKAEVITCDVLLVCIG  
RRPFTKNL GLEELGIELDPRGRIPVNTRFQTKIPNIYAIGDVVAGPMLAHKA EDEGIICVEGMAGGAVHIDYNCVPSVIYTH  
PEVAWVGKSEEQLKEEGIEYKVGKFPFAANSRAKTNADTDGMVKILGQKSTDRV LGAHILGPGAGEMVNEAALALEYGA  
SCEDIARVCHAHPTLSEAFREANLAASF GKSINF
```

纯度:> 95% by HPLC

浓度:1 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.